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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/104,125	12/13/93	RUSSO	D 3224C
		BRUNSMAN, D	EXAMINER
		A1M1/0920	
ROBERT B. HENN ELF ATOCHEM NORTH AMERICA, INC. 2000 MARKET STREET PHILADELPHIA, PA 19103-3222		1108	ART UNIT
		09/28/94	PAPER NUMBER
		DATE MAILED:	

This is a communication from the examiner in charge of your application.  
COMMISSIONER OF PATENTS AND TRADEMARKS

This application has been examined  Responsive to communication filed on \_\_\_\_\_  This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), 1 days from the date of this letter.  
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

**Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:**

1.  Notice of References Cited by Examiner, PTO-892. 2.  Notice of Draftsman's Patent Drawing Review, PTO-948.  
3.  Notice of Art Cited by Applicant, PTO-1449. 4.  Notice of Informal Patent Application, PTO-152.  
5.  Information on How to Effect Drawing Changes, PTO-1474. 6.  \_\_\_\_\_

**Part II SUMMARY OF ACTION**

1.  Claims 1-26 are pending in the application.  
Of the above, claims \_\_\_\_\_ are withdrawn from consideration.  
2.  Claims \_\_\_\_\_ have been cancelled.  
3.  Claims \_\_\_\_\_ are allowed.  
4.  Claims 1-10, 14-26 are rejected.  
5.  Claims 11-13 are objected to.  
6.  Claims \_\_\_\_\_ are subject to restriction or election requirement.  
7.  This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.  
8.  Formal drawings are required in response to this Office action.  
9.  The corrected or substitute drawings have been received on \_\_\_\_\_. Under 37 C.F.R. 1.84 these drawings are  acceptable;  not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).  
10.  The proposed additional or substitute sheet(s) of drawings, filed on \_\_\_\_\_, has (have) been  approved by the examiner;  disapproved by the examiner (see explanation).  
11.  The proposed drawing correction, filed \_\_\_\_\_, has been  approved;  disapproved (see explanation).  
12.  Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has  been received  not been received  been filed in parent application, serial no. \_\_\_\_\_; filed on \_\_\_\_\_.  
13.  Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.  
14.  Other

**EXAMINER'S ACTION**

Art Unit: 1108

Claims 1-10, 14-23, 25 and 26 are rejected under 35 U.S.C. § 112, first paragraph, as the disclosure is enabling only for claims limited compositions wherein the silicon oxide precursor is limited to that recited in claim 11. See M.P.E.P. §§ 706.03(n) and 706.03(z).

The discussion of the prior art at pages 1-4 of the specification teaches that a number of silicon oxide precursors are not useable for the purposes of the instant invention. One of ordinary skill in the art is given no further direction how to best choose those precursor that exhibit the required characteristics.

Claims 2-4, 18-24 and 26 are rejected under 35 U.S.C. § 112, fourth paragraph, as being of improper dependent form for failing to further limit the subject matter of a previous claim. Claims 1 and 25, the independent claims, are drawn to a composition. Limitations to the intended future use of that composition fail to further limit a claim to the composition itself.

Claims 11-13 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 1 and 25 would be allowable if rewritten or amended to overcome the rejection under 35 U.S.C. § 112.

Claims 2-10, 14-24 and 26 would be allowable if rewritten to overcome the rejection under 35 U.S.C. § 112 and to include all of the limitations of the base claim and any intervening claims.

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The prior art of record fails to teach or suggest a gaseous composition comprising the recited tin oxide precursor, silicon oxide precursor and accelerant selected from borates, phosphites and water.

Any foreign language documents submitted by applicant have been considered to the extent the short explanation of significance, English abstract or English equivalent allow.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M. Brunsman whose telephone number is (703) 308-0662.

DMBrunsman

19 September 1994



DAVID BRUNSMAN  
PRIMARY EXAMINER  
GROUP 1100